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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/639,120	08/16/2000	Hong Joo Kim	HI-012	4074

34610 7590 01/26/2005

FLESHNER & KIM, LLP  
P.O. BOX 221200  
CHANTILLY, VA 20153

EXAMINER

ORGAD, EDAN

ART UNIT	PAPER NUMBER
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2684

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/639,120

**Applicant(s)**

KIM ET AL.

**Examiner**

Edan Orgad

**Art Unit**

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 September 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 22-27 is/are allowed.
- 6) ☒ Claim(s) 1-7 and 11-18 is/are rejected.
- 7) ☒ Claim(s) 8-10, 19-21 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-7 and 11-18 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 and 11-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Soren et al (5,426,825).

Regarding claims 1 and 11, Soren teaches a belt clip device for a mobile communication terminal unit (see abstract) comprising: a terminal unit holder for receiving and holding the terminal unit (figure 3); a clamp provided (element 102), on one side of the terminal unit holder and adapted to resiliently clip a belt worn by a user between first and second clamp arms of the clamp (fig. 3, elements 102 and 106 can attach to a belt and is a hook shape thereby comprising a first and second clamp arms), thereby allowing the belt clip device to be mounted to the belt; and connecting means for rotatably connecting the clamp to the terminal unit holder (element 108). Soren further disclose a device for flexibly attaching a terminal unit where the terminal unit is rotatable in a plane extending substantially perpendicular to the front surface of the clamp (figure

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3, clamp 102, swiveling means 104 & hinge 108, see also col. 2, lines 41-54, col. 3, lines 11-26 & col. 4, lines 9-15).

Regarding claims 2 and 12, Soren teaches the first clamp arm (element 106) comprises a base portion and the second clamp arm (element 102) comprises a panel portion hingably coupled (element 104) at one end thereof to the base portion and spaced apart from the base portion to define a gap for receiving the belt there between and wherein the clamp further comprises a spring adapted to urge the base portion and the panel portion in such a fashion that the gap is resiliently maintained (col. 3, lines 11-56).

Regarding claims 3 and 13, Soren teaches a stopper provided at the other end of the panel portion and adapted to prevent the clamp from being separated from the belt (fig. 3, element 102, is a hook shape clamp).

Regarding claims 4 and 14, Soren teaches wherein the first clamp arm comprises a base portion and the second clamp arm comprises a tension panel portion connected at one end thereof to the base portion in such a fashion that it is resiliently supported by the base portion, the tension panel portion serving to resiliently clip the belt (fig. 3, element 104, col. 2, lines 41-48).

Regarding claims 5 and 15, Soren teaches the clamp further comprises a stopper provided at the other end of the tension panel portion and adapted to prevent the clamp from being separated from the belt (fig. 3, element 102, is a hook shape clamp).

Regarding claims 6 and 16, Soren teaches the connecting means comprises: a hinging member arranged between the terminal unit adapter and the clamp, the hinging member being hingably coupled to the first clamp arm of the clamp in such a fashion that it hinges about a

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hinge shaft with respect to the clamp while being rotatably coupled to the terminal unit holder; and a rotating shaft for rotatably coupling the terminal unit holder to the hinging member in such a fashion that the terminal unit holder rotates about the rotating shaft with respect to the hinging member (col. 3, lines 11-25).

Regarding claims 7, Soren teaches an angular position holding means for holding an angular position of the terminal unit holder with respect to the hinging member (col. 1, lines 43-47).

Regarding claim 17, Soren teaches the connecting device further comprises a rotating shaft for rotatably coupling the terminal unit holder to the hinging member such that the terminal unit holder rotates about the rotating shaft with respect to the hinging member (fig. 3, element 104).

Regarding claim 18, Soren teaches an angular position holding device configured to hold an angular position of the terminal unit holder with respect to the hinging member (col. 3, lines 27-56).

***Allowable Subject Matter***

Claims 8-10 and 19-21 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 8-10 and 19-21, please see reasons for allowance dated 2/26/04 in office action # 6.

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Claims 22-27 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claims 22, 23, 25 and 26, please see reasons for allowance dated 2/26/04 in office action # 6.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edan Orgad whose telephone number is 703-305-4223. The examiner can normally be reached on 8:00AM to 5:30PM with every other Friday off..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

50 1/21/05  
EDAN ORGAD  
PATENT EXAMINER/TELECOMM.